First & final bill

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496388

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	NAME OF WORK:- Drilling of Borewell and Erection of Pumpset, Electrification to Borewell at Nagenahalli, Herohalli, Kenchanahalli villages Areas in ~~Attur~~ KEMPEGOWDA Ward NO. 01, of Yelahanka sub-division.						
	Job code :- 001-24-000009						
	W.O NO:- BBMP/EE/YNK.D/KPPP-10/WO/50/2023-24 Dt:- 09-03-2024						
	W.O Amt :- Rs. 61,07,079/-						
	Est Amt :- 70.00 lakhs						
	Ag NO:- BBMP/EE/YNK.D/KPPP/AG/53/2023-24, Dt:- 06-03-2024						
	Agency :- Sri. Shadyan (Sadian) [Ganesh Engineering works]						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Labour charges for lifting of non functional submersible pump set and GI Pipes [Each of Length = 6m]						
	Qty. 3.00 Job @ Rate Rs. 259.86 = Rs. 778.08						
2)	Labour charges for erection of new / repaired submersible. Pump set along with GI Pipes, cables.						
	Qty = 3.00 Job @ Rate Rs. 211.79 = Rs. 635.37						
3)	Supplying and Drawing 3 core flat PVC shelted submersible Pump cable manufactured with Electrolytic grade copper,						
	Qty = 0.0 Rmtrs @ Rate Rs 172.97 = nill						
4)	Supplying and Drawing 3 core flat PVC shelted submersible Pump cable with Electrolic grade copper.						
	Qty = 0.00 Rtmtr @ Rate Rs. 252 or						
	Present Qty is nill						

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. .....

496389

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6)	Fabricating Supplying and mounting ms box made out 14SWG suitable for floor wall mounting. fully weather proof for provision qty = 107850.00 Sqcm @ Rate Rs. 0.51 = Amount = Rs. 55003.50,						
6)	Supplying & fixing angle iron frame work fabricated out of M.S Angle iron. and M.S flat.: with bolts. Qty = 15 Rmtr @ Rate Rs. 314.03 = Rs.						4710.45
7)	Supplying and fixing polished wood board made of not less than 15mm thick plank on both the side not more than 2. pieces qty = 3.00 Each @ Rate Rs. 335.78 = Rs.						1007.34.

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
8)	Supplying & fixing miniature circuit breakes on existing M.C.B distribution boards as per directions given By Engineer in-charge						
	Qty = 3 Each @ Rate Rs. 3179.40 = Rs. 9538.20						
9)	Supplying & fixing of Porcelain fuse channel with cutout on existing wooden panel as per direction of Engineer.						
	Qty = 3.00 Each @ Rate Rs. 412.87 = Rs. 1238.61						
10)	Eauthing: Supplying and fixing and wiring eauth Electrode for grounding circuits as per directions of Engineer						
	Qty = 3.00 No's @ Rate Rs. 3613.90 = Rs. 10841.70						
11)	Providing, laying and fixing of GI Pipes conforming to IS 1239:1990 with Latest as per directions of Engineer						
	Qty = 00 @ Rate 500.89.						

Prmnt qty is nil

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496390

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
12)	Providing submersible pump set of 150mm dia suitable for borewell and confirming to IS 8034-2000 as per Engineer direction Qty = 3.00 NO's @ Rate Rs. 61851.37 = Rs. 185554.11.						
13)	Supply, installing, testing and commisioning common control. Panel consisting of the following INCOMING:1 As per direction of Engineer In-charge Qty = 3.00 Each @ Rate Rs. 18007.70 = Rs. 54023.10						
14)	Supply & dilivery @ site of brand new best make non-return as per IS.778/1984 as per directions of Engineer In-charge. Qty = 20.00 Each @ Rate Rs. 1415.70 = Rs. 28314.00.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
15)	Supply & delivery at site wrought middle steel G1 union confirming to IS 1239-11. As per direction of Engineer. Qty = 20.00 Each @ Rate Rs. 302.39 =						Rs. 6047.80
16)	Supply and delivery at site wrought middle steel G1 elbow confirming to IS 1239-11 As per directions of Engineer In-charge Qty = 20.00 Each @ Rate Rs. 302.39 =						Rs. 6047.80
17)	Supply and delivery at site wrought middle steel G1, Hexagonal nipple, as per direction of Engineer In-charge Qty = 20.00 Each @ Rate Rs. 241.24 =						Rs. 4824.80
18)	Providing wrought mild steel (Galvanised) G1 coller conforming IS 1239-11. Qty = 00.00 @ Rate Rs. 364.88.						

Present qty is nill

ents | Reference to last Measurement 8

= Rs. 6047.80

Rs. 6047.80

Rs. 4824.80

.68.

nill

M. A. R. 57 (Rule 116)
Measurement Book

No. E

496391

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
19)	Cutting and threading G.I. pipes for pump fitting, Public fountains with as per direction of Engineer					Qty = 0.00 @ Rate 364.68 Present qty is nill.	
20)	Cutting Asphalt/concrete road surface using machine cutter for leakage pit as per direction of Engineer In-charge					Qty = 166.14 Cum @ Rate Rs. 1310.31 = Rs.	2,17,704.87.
21)	Earthwork Excavation for pipelines/cables by manual means upto 600mm trench as per directions of Engineer In-charge					Qty = 332.28 Cum @ Rate 548.16 = Rs.	1,821,42.60.

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
22)	Providing PVC ringtite pipes conforming to IS 985:2000, with latest amendments As per direction of Engineer In-charge Qty = 1846.00 Rtm @ Rate Rs. 114.39 = Rs. 211163.94						
23)	Refilling available earth around trenches/pipelines. cables in layers as per directions of Engineer In-Charge Qty = 254.75 cum @ Rate Rs. 181.21 = Rs. 46162.89						
24)	Providing, Laying, Spreading and Compacting graded stone Aggregate to wet mix macadam specification. Qty = 110.76 @ Rate Rs. 2898.22 = Rs. 321006.85						
25)	Providing and laying in position cement concrete for all super structure As per directions of Engineer In-Charge Qty = 166.14 cum @ Rate Rs. 7508.87						Rs. 1247523.66

Contents 7	Reference to last Measurement 8
2000.	
...er In-charg	
= Rs.	211163.94
...ines.	
...Charge	
) = Rs	.46162.89
...aded	
...cation.	
22 =	Rs. 321006.85
...on,	
...charge	
...08.87	Rs. 1247523.66

M. A. R. 57 (Rule 116)
Measurement Book

No. E

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency..... From ..... To 496392

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
26)	Geophysical Investigation at site for srinking of borewell. As per direction of Engineer In charge Qty = 5.00 Each @ Rate Rs. 5988.98 = Rs.						29944.90.
27)	Shrinking of borewell of 165mm dia clear using super fast Hydraulic rig of Capacity 300PSIG, upto 50.00 mtrs as per direction of Engineer in-charge Qty = 250 Rmtr @ Rate Rs. 419.05 = Rs.						104762.50
28)	b) 50.00 to 100.00 mtrs Qty = 250 Rmtr @ Rate Rs. 525.51 = Rs.						131377.50.
29)	c) 100 to 150.00 mtrs Qty = 250 Rmtrs @ Rate Rs. 558.82 = Rs.						139587.50.

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
30)	d) 150 to 200 mtrs		Qty = 250 mtrs	@ Rate Rs. 647.82		= Rs. 161955.50	
31)	e) 200 to 250 mtrs		Qty = 250 mtrs	@ Rate Rs. 759.95		= Rs. 189987.50	
32)	f) 250 to 300 mtrs		Qty = 250 mtrs	@ Rate Rs. 838.09		= Rs. 209522.50	
33)	g) 300 to 350 mtrs		Qty = 60 mtrs	@ Rate Rs. 983.06		= Rs. 58983.60	
34)	Supply of ISI mark 175 mm nominal bore. plane. & stud casing pipe As per direction of Engineer In-charge		Qty = 290 Rmtr	@ Rate Rs. 2189.24		= Rs. 634879.60	
35)	Providing Submersible pumpset of 150 mm dia suitable for borewell As per directions of Engineer In-charge		Qty = 4 Nos	@ Rate Rs. 72658.81		= Rs. 290635.24	

Contents 7	Reference to last Measurement 8
7.82	= Rs. 161955.50
9.95	= Rs. 189987.50
88.09	= Rs. 209522.50
83.06	= Rs. 58983.60
ue. In-cha	
189.24	= Rs. 634879.44
uitable -charg	
8.81	= Rs. 290635.20

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. .....

Name of work ..... From ..... To 496393

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
36)	Supplying & delivering at site of brand new best 3 core flat PVC sheated submersible pump cable As per Engineer direction.						
	Qty upto 125% @ Rate Rs 252 @ Qty = 1450 = Rs. 365762.50.						
	Qty above 125% = 630 Rmtr @ Rate Rs. 237.75 = Rs. 149781.24						
37)	Supply of Brand new best make non-return valve As per directions of Engineer In-charge,						
	Qty = 4.00 Each @ Rate Rs. 1415.70 = Rs. 5662.80.						

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
38)	Supply and delivery at site brand new best gate valve as per the directions of Engineer In-charge. Qty = 4.00 No's @ Rate Rs. 1415.70. = Rs. 5662.80						
39)	Supply and delivery at site wrought middle steel, GI union confirming to IS 1239-II As per Engineer direct Qty = ~~1038.00~~ 4 No's Rmtr @ Rate Rs. ~~500.59~~ 302.39 = Rs. ~~519612.42~~ = Rs. 1209.56						
40)	Providing laying and fixing of GI pipes conforming to IS 1239:1990 with As per directions of Engineer In-charge. Qty = 1038.00 Rmtr @ Rate Rs 500.59 = Rs. 519612.41.						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 496394

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency..... From ..... To .....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
H1)	Supply & delivery at site wrought middle steel col union. As per directions of Engineer In-charge. Qty = 4.00 Each @ Rate Rs. 302.39 = Rs. 1209.56.						
H2)	Supply, installing, testing and commissioning common control panel as per directions of Engineer In-charge. Qty = 4.00 Each @ Rate Rs. 18007.70 = Rs. 72030.80/-						
H3)	Supplying the labour for Erection, Electrification and Commissioning of pumpset As per Engineer directions Qty = 4.00 Job @ Rate Rs. 7361.64 = Rs. 29446.56.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
44)	Supply and fixing polished wood board. made of not less than 15mm thick As per directions of Engineer In-charge.						
	Qty = 4.00 Each @ Rate Rs. 335.78 =						Rs. 1343.12.
45)	Labour charges for erection of outdoor type panel. As per the directions of Engineer In-charge						
	Qty = 4 Job @ Rate Rs. 1642.21 =						Rs. 6568.84
46)	Earthing: supplying and fixing and wiring electr. Electrode for grounding circuit As per Engineer direction						
	Qty = 4 Job @ Rate Rs. 3613.90 =						Rs. 14455.60
47)	Supplying & fixing miniature circuit breakes on Existing MCB As per directions of Engineer In-charge.						
	Qty = 4 Each @ Rate Rs. 3179.40 =						Rs. 12717.60.

ts	Reference to last Measurement 8
	Rs. 1343.12.
	Rs. 6568.84
	Rs. 14453.60
	Rs. 12717.60.

M. A. R. 57 (Rule 116)
Measurement Book

No. E

496395

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
48)	Supply & delivery at site brand New best make starter suitable, for following HP centrifgal pump as per ergineer direction Qty = 4 Each @ Rate Rs. 40375.76					= Rs. 161503.04	
49)	yield testing of borewells at final depth with a minimum of 10 hours As per directions of Engineer In-charge Qty = 4.00 Job @ Rate Rs. 18467.52					= Rs. 73870.08	
50)	Supplying of TPST with rewirable procelain channels in SM enclosure As per directions of Engineer In-charge Qty = 4.00 Job @ Rate Rs. 1751.35					= Rs. 7005.40.	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
51)	Supplying and fixing LED type panel board indicating lamp As per directions of Engineer In-charge. Qty = 12.00 Nos @ Rate Rs. 530.24 =						Rs. 6362.88.
52)	Supply & fixing of porcelain fuse channel with cutout on existing wooden plate As per directions of Engineer In-charge, Qty = 24.00 Each @ Rate Rs. 412.87 =						Rs. 9908.88.
53)	Supplying & fixing of Iron frame work fabricated As per directions of Engineer In-charge. Qty = 20.00 Rtmr @ Rate Rs. 314.03 =						Rs. 6280.60.
54)	Supplying fully Automated star-Delta starter unit Push button As per direction of Engineer. Qty = 4.00 Nos @ Rate Rs. 9023.41 =						Rs. 36093.64

...ntents 7	Reference to last Measurement 8
...	Rs. 6362.88
...	= Rs. 9908.88
...	= Rs. 6280.00
...	= Rs. 36093.64

M. A. R. 57 (Rule 116)
Measurement Book

No. E

496396

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency..... From ..... To .....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
55.	BESCOM Deposit Charges Qty = 00 @ Rate Rs. 15444. Present Qty is nill.						
						SUB TOTAL =	Rs. 6032393.43
						GST 18% =	Rs. 1085830.82
						BESCOM CHARGES =	Rs. ~~86000.00~~ 46332.00
						GRAND TOTAL =	Rs. ~~7204224.25~~ 7164556.00

Remasanjeevi
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

CERTIFICATE.

1) Certified that the work done is satisfactorly

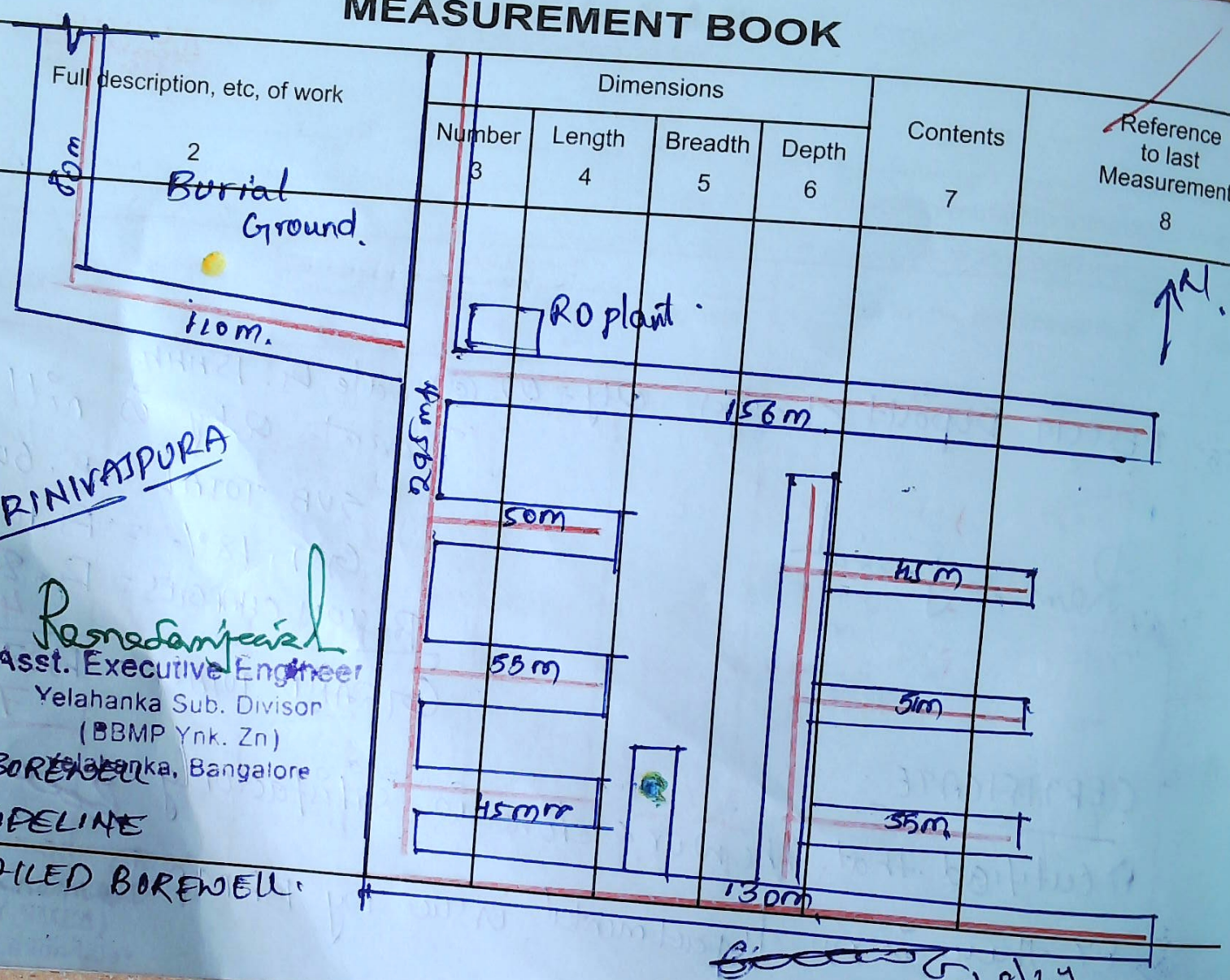
2) There is no departmental issue by BBMP

5/8/24

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



SRINIVASPURA

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BOREWELL
PIPELINE
FAILED BOREWELL.

5/8/24

M. A. R. 57 (Rule 116)
Measurement Book

No. E

496397

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ROAD 1						
	ROAD 2						
	ROAD 3						
	ROAD 4						
	ROAD 5						

KEB LAYOUT

BOREWELL

PIPELINE

238.0m

217m

256 m.

New Borewell

5/01/24

Asst Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

VISHWAVANI NAGAR
SRINIVASPURA.

M. A. R. 57 (Rule 116)
Measurement Book

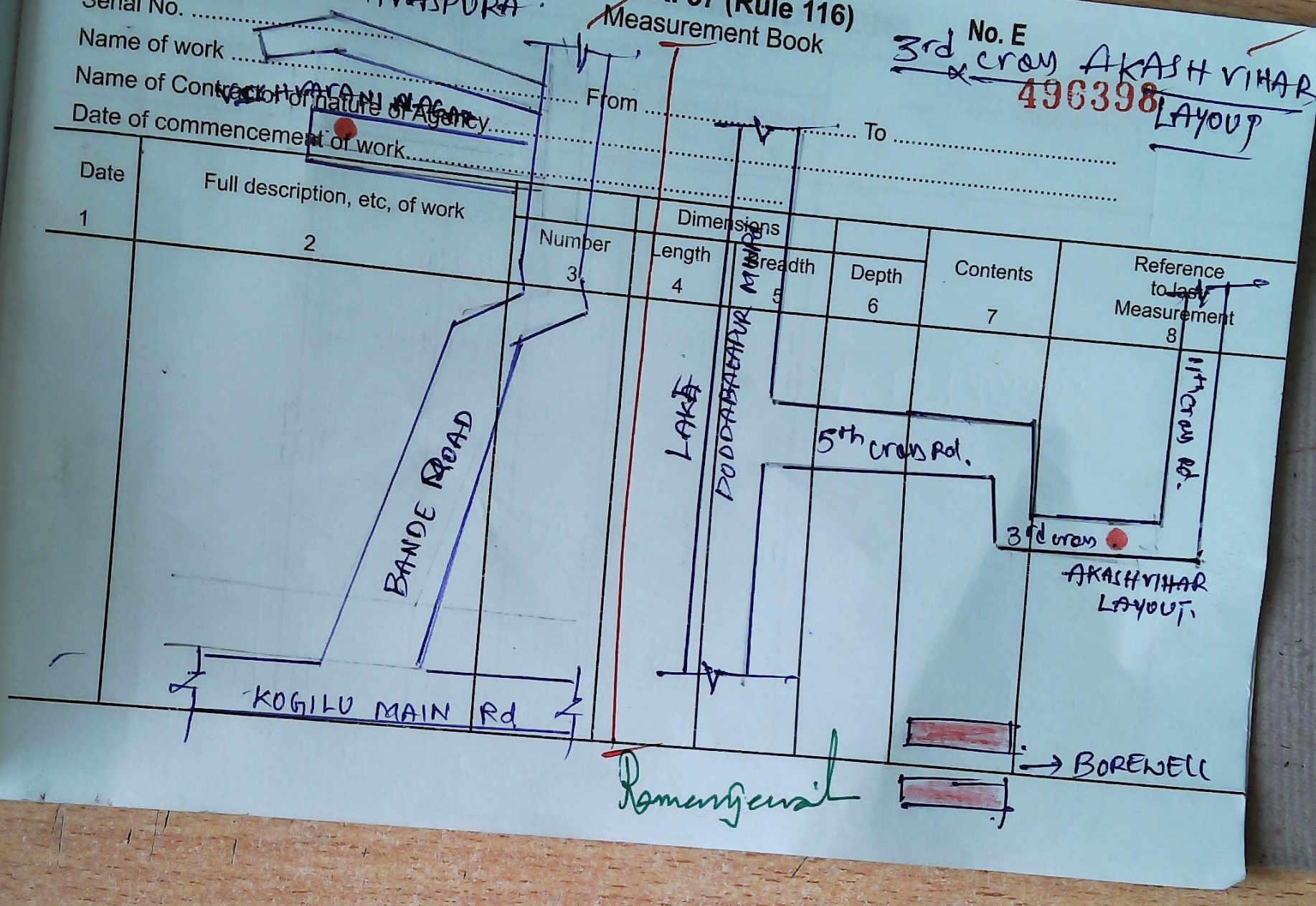
No. E

3rd cross AKASH VIHAR LAYOUT
496398

Serial No. .....
Name of work .....
Name of Contractor or nature of Agency .....
Date of commencement of work .....

From ..... To .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Content	Reference to Measurement Book
		Number	Length	Breadth	Depth		
1	1st and 2 Final bill	3	4	5	6	7	8

Gross Amt =Rs 7164556=00

FSD =Rs —

CGST = Rs 60717=00

SGST = Rs 60717=00

IT = Rs 71646=00

LC = Rs 71646=00

CBF = Rs 7165=00

Royalty =Rs 46673=00

T.D. = Rs 318564=00

Net Amt=Rs 6845992=00

Audited & Admitted for Rs. 7164556=00

Rupees 68 45 992 =00 by Cheque

and Rs. 318564 =00 by adjusement

Accts. Supdt.
ye.ahanka Division
BBMP

Exe. Engineer
ye.ahanka Division
BBMP